

# FUBARA, DAVID OTOKINI

Embedded System Engineer | Engineering Innovator |  
Project Manager.

+2347069153529



fubaradvd@gmail.com



www.linkedin.com/in/fubara-david



Umubereke Street, Oyigbo, Rivers State



Embedded Systems Engineer with expertise in robotics, automation, and electronics design. Skilled in programming (Python, Embedded C) and circuit simulation (Proteus). Strong background in project management and innovation, with a track record of success in engineering competitions. Seeking opportunities to apply and expand technical expertise.

## EDUCATION

### UNIVERSITY OF PORT HARCOURT (2019–2025)

Bachelor of Engineering (B.Eng) in Electronics Engineering

*In view*

### SOLID STEPS HIGH SCHOOL, OYIGBO, RIVERS STATE (2010- 2020)

West African Senior School Certificate (WASSCE)

#### Extracurricular Activities and Achievements:

- Ranked second position in Inter-house Sports Competition as the House Captain
- Led the acquisition of new equipments in the science laboratories as the Science Prefect
- Achieved one of best WAEC results in the state due to intense preparatory classes

## WORK EXPERIENCE

### OBIMACO SERVICES LTD, Oyigbo Rivers State

*Trained Mechanic in Generator Maintenance, March 2022– November 2023*

- Conduct maintenance and repair of generators, ensuring optimal performance and safety standards.
- Troubleshoot and resolve mechanical and electrical issues in generators.
- Assist in providing technical support and training to new employees on generator maintenance procedures.

### PROTRONICS STUDENTS, University of Port Harcourt

*Technical Lead, February 2022–present*

- Organize and lead hands-on technical training sessions for students in embedded systems, robotics, and IoT.
- Coordinate engineering competitions and mentorship programs
- Collaborate with industry professionals to facilitate industrial training opportunities for students.

### ROAR VENTURES COMPUTER TRAINING CENTRE

*Computer Administrator, 2016– 2017*

- Trained and issued certificates to over 50 students on computer literacy and operations
- Maintenance, configuration and operation of computer systems throughout the training course

## KEY SKILLS

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- Embedded Systems Design
- Robotics and Automation
- Project Management
- Internet of Things (IoT)
- Programming (Embedded C, Assembly Language, Python)
- Circuit Simulation and Design on MATLAB and Proteus software

## AWARDS

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- First Runner-up, **NUESA Uniport Engineering Exhibition: Innovators Challenge 2024**
- Winner, **SPE Energy Challenge 2024**
- First Runner-up, **EPEX [Engineering Projects Exhibition] Competition, Ilorin 2024**
- Finalist , **NSE Engineering Competition 2024**
- First Runner-up, **Annual Students Energy Conference (ASEC) 2024**

## INTERESTS

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- Technological Innovations
- Research and Development
- Robotics and Automation
- Community Development
- Engineering Education